

Converting Colors

$Yxy(30.2947, 0.4528, 0.4148)$

Have a look what the booklet for
Yxy(30.2947, 0.4528, 0.4148)
contains.

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Color

Yxy(30.1913, 0.4530, 0.4138)

Conversions

Conversions Part 1

Format	Color
Hex	C58945
RGB	197, 137, 69
RGB Percent	77%, 54%, 27%
CMY	0.2273, 0.4628, 0.7293
CMYK	0.00, 0.30, 0.65, 0.23
HSL	32°, 52%, 52%
HSV	32°, 65%, 77%
XYZ	33.0514, 30.1913, 9.7184
YIQ	147.1880, 57.5880, -8.4280

Conversions

Conversions Part 2

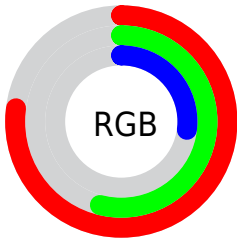
Format	Color
RYB	182, 197, 69
Decimal	12945733
CIELab	61.82, 16.18, 44.79
CIElCh	62, 47.622, 70.141
Yxy	30.1913, 0.4530, 0.4138
Android (android.graphics.Color)	4291135813 (0xFFC58945)
YUV	147.1880, -38.5467, 43.6851
Hunter-Lab	54.9466, 11.2144, 27.9760

Details

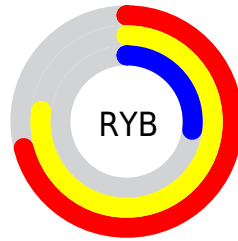
The Yxy color **30.1913, 0.4530, 0.4138** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **21.0127, 0.2098, 0.2161**, and the grayscale version is **29.4060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4430, 0.4248, 0.4005**, and **12.3524, 0.4925, 0.4292** is the 20% darker color. If you saturate the color by 10%, you get **27.4719, 0.4787, 0.4204**, and if you desaturate by 10%, it is **33.2199, 0.4269, 0.4036**.

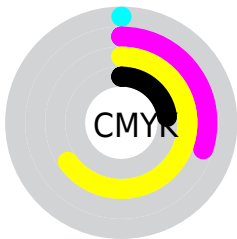
Distribution



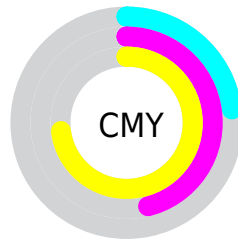
- Red (77%)
- Green (54%)
- Blue (27%)



- Red (71%)
- Yellow (77%)
- Blue (27%)



- Cyan (0%)
- Magenta (30%)
- Yellow (65%)
- Black (23%)





- Cyan (23%)
- Magenta (46%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1913, 0.4530, 0.4138 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 30.1913, 0.4530, 0.4138 by changing the saturation by 10% instead.


 30.1913, 0.4530,
0.4138


 30.1913, 0.4530,
0.4138


302.7951, 0.3800,
0.3741


 19.9838, 0.4708,
0.4214


 59.9646, 0.4264,
0.4007


 12.3833, 0.4927,
0.4292


 80.2992, 0.4164,
0.3953


 7.0053, 0.5200,
0.4361

 104.7783, 0.4079,
0.3906

 3.4654, 0.5580,
0.4420

 133.7863, 0.4007,
0.3865

 1.3793, 0.5815,
0.4185

 167.7076, 0.3944,
0.3828

 0.2014, 0.7444,
0.2556

206.9265, 0.3890,

 0.0000, 0.0000,

0.3796

0.0000

251.8276, 0.3842,
0.3767

■ 30.1913, 0.4530,
0.4138

■ 30.1913, 0.4530,
0.4138

■ 27.4719, 0.4787,
0.4204

■ 33.2199, 0.4269,
0.4036

■ 25.0433, 0.5025,
0.4222

■ 36.5659, 0.4017,
0.3910

■ 22.8908, 0.5228,
0.4187

■ 40.2425, 0.3781,
0.3772

■ 21.9004, 0.5322,
0.4156

■ 44.2606, 0.3566,
0.3629

■ 48.6304, 0.3374,
0.3489

■ 53.3618, 0.3204,
0.3354

■ 58.4640, 0.3054,
0.3227

■ 63.9460, 0.2923,
0.3109

■ 69.8163, 0.2809,
0.3001

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.1913, 0.4634, 0.3579



30.1913, 0.4530, 0.4138



30.1913, 0.4040, 0.4585

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.1913, 0.4530, 0.4138



30.1913, 0.2079, 0.3435



30.1913, 0.2763, 0.2235

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.1913, 0.4530, 0.4138



21.0127, 0.2098, 0.2161

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.1913, 0.2178, 0.2128



30.1913, 0.4530, 0.4138



30.1913, 0.1823, 0.2707

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.1913, 0.4530, 0.4138



30.1913, 0.2621, 0.4239



30.1913, 0.1861, 0.2271



30.1913, 0.3535, 0.2553

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.1913, 0.4530, 0.4138



30.1913, 0.3585, 0.4709



30.1913, 0.1861, 0.2271



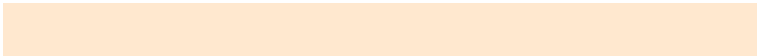
30.1913, 0.2541, 0.2174

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.1928, 0.4530, 0.4138



83.6126, 0.3454, 0.3549



17.7680, 0.4159, 0.2526



17.4133, 0.3511, 0.3590



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.1928, 0.4530, 0.4138



47.2880, 0.4891, 0.4218



51.9621, 0.3998, 0.4773



11.5537, 0.3276, 0.3413



14.5693, 0.5304, 0.4171



0.8340, 0.5011, 0.4403

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.0127, 0.2098, 0.2161



29.6795, 0.1919, 0.1868



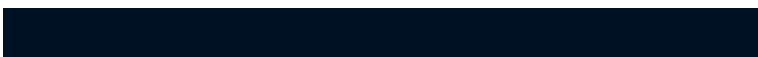
9.6363, 0.1891, 0.1230



11.0939, 0.2983, 0.3164



7.8950, 0.1748, 0.1492



0.5185, 0.1858, 0.1887

Previews

White Background



This preview shows how the Yxy color 30.1913, 0.4530, 0.4138 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 30.1913, 0.4530, 0.4138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

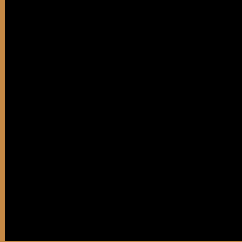
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.1913, 0.4530, 0.4138

Background



This preview shows how black text looks on a background with the Yxy color 30.1913, 0.4530, 0.4138.



This preview shows how white text looks on a background with the Yxy color 30.1913, 0.4530, 0.4138.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.1913, 0.4530, 0.4138

Protanopia

30.4007, 0.4038, 0.4410

Deuteranopia

30.0776, 0.4361, 0.4269



Tritanopia

30.1212, 0.3869, 0.3161

Trichromacy



Original Color

30.1913, 0.4530, 0.4138

Protanomaly

30.0658, 0.4211, 0.4303

Deuteranomaly

29.9923, 0.4423, 0.4224

Tritanomaly

29.9968, 0.4132, 0.3531

Monochromacy



Original Color

30.1913, 0.4530, 0.4138

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.9762, 0.3621, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1913, 0.4530, 0.4138 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(197, 137, 69)` looks like.

```
.text, #text, p{  
    color:rgb(197, 137, 69)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(197, 137, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 137, 69) }
```

Border

The CSS property to change the border of an element to Yxy 30.1913, 0.4530, 0.4138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 137, 69) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(197, 137, 69) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(197, 137, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 137, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 137, 69);  
box-shadow:4px 4px 4px 4px rgb(197, 137,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1913, 0.4530, 0.4138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 137, 69) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(197,  
137, 69) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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